

## Call for Abstracts

**41<sup>st</sup> Annual Meeting, Santa Fe, New Mexico  
March 6–10, 2010**

**On-line Abstract Submissions: Aug 15 — Oct 15, 2009**  
**[www.ASNeurochem.org](http://www.ASNeurochem.org)**

Join us for four days of symposia, colloquia and workshops designed to address the four major themes of our Society:

- Building the Nervous System
  - Glial Cell Biology
- Molecular and Cell Biology of the Nervous System
- Neurodegeneration and Disease

### Featured Plenary Speakers:



**Arturo Alvarez Buylla**

Role of Primary Cilia  
in Neural Stem Cells  
and Cancer



**Rick Morimoto**

Stress Responses and  
Proteostasis Networks  
in Aging and  
Neurodegenerative  
Disease



**Thomas Sudhof**

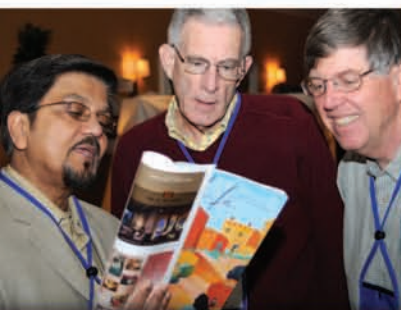
Neurotransmitter release  
- from membrane  
fusion to plasticity



Astrocyte  
regulation of the  
cerebrovasculature

### Travel Grants/Awards

Special efforts have been taken to encourage Young Investigator participation. ASN travel awards are available and funding has been requested through NINDS for additional travel funds. Go to [www.ASNeurochem.org](http://www.ASNeurochem.org) for eligibility and submission requirements.



**Make Your Plans Today!**

# Join Us In Santa Fe, New Mexico! March 6—10, 2010

## Showcase Your Work at Conference Poster Sessions.

Up to 6 sessions will be developed from selected abstracts for oral presentations.  
For hotel information and group rates, visit the ASN website.

### Symposia

Gap junctions in glial function and dysfunction:  
Potential roles in neurological disorders

*Christian Naus*

White Matter in Learning, Cognition, and  
Psychiatric Disorders: Cellular Mechanisms to  
Clinical Implications

*R. Douglas Fields*

The SVZ in development and pathology

*Anne Baron-Van Evercooren and Vittorio Gallo*

Neuron-astroglia interactions in brain function  
and dysfunction

*Giorgio Carmignoto and Christian Steinhäuser*

Glutamate Transport: Do Regulatory  
Phenomena Inform Physiology or Pathology?

*Michael B. Robinson and Phil Beart*

Regulation of GABA-A Receptors:  
Gene Expression, Trafficking, Phosphorylation,  
and Associated Proteins

*Richard W. Olsen and Stephen Moss*

Glia-neuronal communication as a substrate  
for pain

*David Spray*

### Jordi Folch-Pi Symposium

Emerging therapeutic targets in neuroinflam-  
mation and neurodegenerative diseases

*Francesca Bosetti and Tony Wyss-Coray*

### Marian Kies

### Memorial Colloquium

Indicators of axonal pathology in the CNS

*Jennifer Tobin*

### Colloquia

Human glial development: specification,  
induction and therapeutics

*Fraser Sim*

Molecular regulation of SVZ progenitor  
migration to injury

*Francis Szele*

Microglial Heterogeneity and the Protection  
of Brain Function

*Bruce Trapp and Carol Colton*

Hypothalamic plasticity:

A complex and multifaceted problem

*Vincent Prevot and Stephane Oliet*

Is Myelination With Perinatal OPCs a Good  
Model to Develop Therapeutics for Adult CNS  
Remyelination and Functional Recovery?

*Raul Krauss*

Brain Macrophages and Phagocyte-Regulatory  
Signals in Health and Disease of Developing  
Nervous System

*Gennadij Raivich*

Regulated exocytosis of neuroligands  
from astrocytes

*Vladimir Parpura*

Microglia: Friend or Foe

*Jyoti Watters*

Astrocytes: Gatekeepers at the Checkpoint of  
CNS Homeostasis and Pathology

*Tammy Kielian*

Lipid Rafts and Hypomyelination-  
How Did We Get There?

*Cara-Lynne Schengrund and James Connor*

Lipidomics in Neurochemistry

*Thomas N. Seyfried*

Tweaking the lactate shuttle: Brainstorming  
turns things around - lactate flow from  
neurons to astrocytes, among astrocytes,  
and to vasculature

*Gerald Dienel*

Neurochemical actions of alcohol: new vistas  
from the perspective of neuronal networks

*Jeff L. Weiner and Donita Robinson*

Regulation of anxiety and addiction by  
neurotrophic factors

*Carlos Fernando Valenzuela*

Developing Neuroprotectants for Treating  
Victims of Chemical Emergencies

*David Jett and Karen Wilcox*

Non-invasive imaging of myelin

*Jugnu Jain*

Molecular mechanisms of axon injury

*Charles L. Howe*

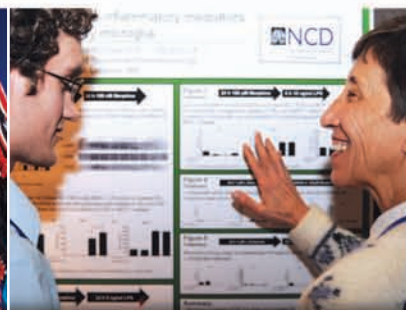
Chromatin and epigenetics in brain  
development and disease

*Anthony Turner and Avtar Roopra*

Signaling in Innate Immunity: How do  
Cytokines, Proteases, Lipases, Oxidases, and  
other Innate immune genes change the brain?

*Antonio Noronha and Fulton Crews*

Scientific Chair: Phil Haydon • Host Chair: Oscar Bizzazero



For More Information & Meeting Updates Go To: [www.ASNeurochem.org](http://www.ASNeurochem.org)